

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Bao et al. Confirmation No.:  
Appl. No.: Not Assigned  
Filed: Concurrently Herewith  
For: SCLEROTINIA-INDUCIBLE GENES AND PROMOTERS AND THEIR USES

**STATEMENT IN SUPPORT OF FILING A  
SEQUENCE LISTING UNDER 37 CFR § 1.821(f)**

Commissioner for Patents  
Washington, DC 20231

Sir:

I hereby state that the content of the paper and computer readable copies of the Sequence Listing, submitted concurrently herewith in accordance with 37 CFR § 1.821(c) and (e), are the same.

Respectfully submitted,

*Kathryn L. Coulter*

Kathryn L. Coulter  
Agent for Applicant  
Registration No. 45,889

**Customer No. 00826**

**Alston & Bird LLP**

Bank of America Plaza

101 South Tryon Street, Suite 4000

Charlotte, NC 28280-4000

Tel Raleigh Office (919) 862-2200

Fax Raleigh Office (919) 862-2260

**"Express Mail"** Mailing Label Number EL868637248US

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*Nora C. Martinez*

Nora C. Martinez

# SEQUENCE LISTING

<110> Bao, Zhongmeng  
Lu, Guihua

<120> Sclerotinia-inducible Genes and  
Promoters and Their Uses

<130> 35718/234631

<150> US 60/224,603

<151> 2000-08-11

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| 20 25 30  |    |

|   |     |
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| tca tgg gcc caa gat ttt ttg cca cca tcc aat att caa acc gcg tat | 144 |
| Ser Trp Ala Gln Asp Phe Leu Pro Pro Ser Asn Ile Gln Thr Ala Tyr |     |
| 35 40 45  |     |

|   |     |
|---|-----|
| ttc act cat gtt tat tat gct ttt ctc tcc cct aac aat gtc aca ttc | 192 |
| Phe Thr His Val Tyr Tyr Ala Phe Leu Ser Pro Asn Asn Val Thr Phe |     |
| 50 55 60  |     |

|   |     |
|---|-----|
| caa ttc gac gtc cac cgg aca act gcg tct gcg ctc aat agc ttc aac | 240 |
| Gln Phe Asp Val His Arg Thr Thr Ala Ser Ala Leu Asn Ser Phe Asn |     |
| 65 70 75 80   |     |

|   |     |
|---|-----|
| acc gcc ctt cac gga aag aat cca cct gtc aag acg ttg ttt tcc atc | 288 |
| Thr Ala Leu His Gly Lys Asn Pro Pro Val Lys Thr Leu Phe Ser Ile |     |
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|---|-----|
| ggg ggt ggc tcg gct ggc gta aaa caa ctc ttt tcc aag ttg gcc tcg | 336 |
| Gly Gly Gly Ser Ala Gly Val Lys Gln Leu Phe Ser Lys Leu Ala Ser |     |
| 100 105 110   |     |

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| agc cct ggc tgc agg gcc gct ttt atc cgt tgc act ata caa gtg gcg | 384  |
| Ser Pro Gly Ser Arg Ala Ala Phe Ile Arg Ser Thr Ile Gln Val Ala |      |
| 115 120 125   |      |
| cgg aac tat tac ttt gat gga gct gac ttg gat tgg gaa tat cct gaa | 432  |
| Arg Asn Tyr Tyr Phe Asp Gly Ala Asp Leu Asp Trp Glu Tyr Pro Glu |      |
| 130 135 140   |      |
| acc caa acc gat atg aac aac ttt gga ctc ttg ctt gac gag tgg cgt | 480  |
| Thr Gln Thr Asp Met Asn Asn Phe Gly Leu Leu Leu Asp Glu Trp Arg |      |
| 145 150 155 160   |      |
| gtg gcg gtc aac aat gaa gcc aca tca act ggt aag cca cga ctt ctt | 528  |
| Val Ala Val Asn Asn Glu Ala Thr Ser Thr Gly Lys Pro Arg Leu Leu |      |
| 165 170 175   |      |
| ctt tca gcc gcc act cgt cat gag cca gaa gtt aga gac aat gga gtt | 576  |
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| 180 185 190   |      |
| gca aag tat cca gtg gca tcc ata aat aag aat ttg gat ggg ata aat | 624  |
| Ala Lys Tyr Pro Val Ala Ser Ile Asn Lys Asn Leu Asp Gly Ile Asn |      |
| 195 200 205   |      |
| gca atg tgt tat gat tat cac ggg cca tgg act ccg gat gca act ggg | 672  |
| Ala Met Cys Tyr Asp Tyr His Gly Pro Trp Thr Pro Asp Ala Thr Gly |      |
| 210 215 220   |      |
| gcc cca gcc gcg tta tat aat cca aat ggc agt ctt agc acc agt aac | 720  |
| Ala Pro Ala Ala Leu Tyr Asn Pro Asn Gly Ser Leu Ser Thr Ser Asn |      |
| 225 230 235 240   |      |
| ggg cta caa tca tgg atc agc gct ggg atc caa agg caa aag ttg gtg | 768  |
| Gly Leu Gln Ser Trp Ile Ser Ala Gly Ile Gln Arg Gln Lys Leu Val |      |
| 245 250 255   |      |
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| Met Gly Met Pro Leu Tyr Gly Trp Thr Trp Lys Leu Lys Asn Pro Ser |      |
| 260 265 270   |      |
| gta aat ggt att ggg gct cca gct gcg ggt ata gga ccg ggt aat gag | 864  |
| Val Asn Gly Ile Gly Ala Pro Ala Ala Gly Ile Gly Pro Gly Asn Glu |      |
| 275 280 285   |      |
| gga gca atg ctt tac tca gaa gtg caa cag ttc aat gcc caa aat aac | 912  |
| Gly Ala Met Leu Tyr Ser Glu Val Gln Gln Phe Asn Ala Gln Asn Asn |      |
| 290 295 300   |      |
| gcc agg gtg gtt tat gac aca caa acc gta tct tat tat tct tac tca | 960  |
| Ala Arg Val Val Tyr Asp Thr Gln Thr Val Ser Tyr Tyr Ser Tyr Ser |      |
| 305 310 315 320   |      |
| gga acg act tgg att gga tat gac gat gtt aat tca gta cag aga aag | 1008 |
| Gly Thr Thr Trp Ile Gly Tyr Asp Asp Val Asn Ser Val Gln Arg Lys |      |
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Trp Thr Ala  
370

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Gln Phe Asp Val His Arg Thr Thr Ala Ser Ala Leu Asn Ser Phe Asn  
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Thr Ala Leu His Gly Lys Asn Pro Pro Val Lys Thr Leu Phe Ser Ile  
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Gly Gly Gly Ser Ala Gly Val Lys Gln Leu Phe Ser Lys Leu Ala Ser  
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Ser Pro Gly Ser Arg Ala Ala Phe Ile Arg Ser Thr Ile Gln Val Ala  
115 120 125  
Arg Asn Tyr Tyr Phe Asp Gly Ala Asp Leu Asp Trp Glu Tyr Pro Glu  
130 135 140  
Thr Gln Thr Asp Met Asn Asn Phe Gly Leu Leu Leu Asp Glu Trp Arg  
145 150 155 160  
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165 170 175  
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180 185 190  
Ala Lys Tyr Pro Val Ala Ser Ile Asn Lys Asn Leu Asp Gly Ile Asn  
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Ala Met Cys Tyr Asp Tyr His Gly Pro Trp Thr Pro Asp Ala Thr Gly  
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Ala Pro Ala Ala Leu Tyr Asn Pro Asn Gly Ser Leu Ser Thr Ser Asn  
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245 250 255  
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260 265 270  
Val Asn Gly Ile Gly Ala Pro Ala Ala Gly Ile Gly Pro Gly Asn Glu

| Variable                | Mean | SD   | Min | Max  |
|-------------------------|------|------|-----|------|
| Age                     | 25.5 | 3.2  | 18  | 35   |
| Gender                  | 0.5  | 0.5  | 0   | 1    |
| Marital status          | 0.2  | 0.4  | 0   | 1    |
| Education               | 12.5 | 1.5  | 10  | 16   |
| Income                  | 1500 | 500  | 500 | 3000 |
| Health status           | 0.8  | 0.2  | 0   | 1    |
| Employment status       | 0.7  | 0.3  | 0   | 1    |
| Family size             | 3.5  | 1.0  | 1   | 6    |
| Religious affiliation   | 0.5  | 0.5  | 0   | 1    |
| Political affiliation   | 0.5  | 0.5  | 0   | 1    |
| Home ownership          | 0.6  | 0.4  | 0   | 1    |
| Vehicle ownership       | 0.4  | 0.5  | 0   | 1    |
| Internet usage          | 0.9  | 0.1  | 0   | 1    |
| Smartphone usage        | 0.95 | 0.05 | 0   | 1    |
| Travel frequency        | 0.3  | 0.2  | 0   | 1    |
| Exercise frequency      | 0.2  | 0.2  | 0   | 1    |
| Alcohol consumption     | 0.1  | 0.3  | 0   | 1    |
| Smoking status          | 0.1  | 0.3  | 0   | 1    |
| Food consumption        | 0.5  | 0.5  | 0   | 1    |
| Shopping frequency      | 0.4  | 0.2  | 0   | 1    |
| Charitable giving       | 0.1  | 0.3  | 0   | 1    |
| Volunteering            | 0.2  | 0.4  | 0   | 1    |
| Political participation | 0.1  | 0.3  | 0   | 1    |
| Community involvement   | 0.3  | 0.4  | 0   | 1    |
| Environmental awareness | 0.7  | 0.2  | 0   | 1    |
| Health insurance        | 0.9  | 0.1  | 0   | 1    |
| Life satisfaction       | 0.6  | 0.2  | 0   | 1    |
| Overall well-being      | 0.7  | 0.2  | 0   | 1    |

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 35 40 45  
 Pro Pro Ser Gly Ser Cys Cys Ser Lys Val Arg Glu Gln Arg Pro Cys  
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 Phe Cys Gly Tyr Leu Arg Asn Pro Ser Leu Arg Gln Phe Val Ser Pro  
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 aaagagaaaa taaactttac aaaaagcatc gcttgtctat ttataaaaga ttaaagttac 600  
 ttgcacgttc aaacatatgt tactagatga atcaagagtc atgtacaact ctatgtttag 660  
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 caaaaaaaaa actgagttag taatttggat gaaaacgaca aaaaaagaca aacctgaaag 240  
 attcaaatgc acaaaaaaat tattttggat gaaacacgca tatatgatca aaccaagag 300

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| agagacatat  | gccaaaacct  | ttaatttttct | aagttcaaac | aaaaatctat  | tattttttcc | 420  |
| aaaccacagc  | tataattttat | gtaatttttat | ctctataaat | ggacaaagaa  | taaaagtttt | 480  |
| ctacaaacgg  | taacaacaag  | gaagctaccc  | tcgttttgaa | gatagttaag  | acaataattc | 540  |
| aactactttc  | taactacttt  | tctcacaaga  | cttaattttc | cacacacatc  | tttatgacta | 600  |
| aatctaccat  | atgtgatggg  | ccagtcaacc  | attaatatgt | cttcaaccac  | aagtcggtaa | 660  |
| accggaccat  | cagccacttg  | gccacgggcg  | cagcttagtg | gaaaccgggg  | gtgcacaacc | 720  |
| cctctaattg  | ttcggttaga  | agtgcaaaat  | ttacgatttt | tcgtccgaaa  | attttcgccc | 780  |
| accagaactt  | ttagtcaaac  | ttcgccactg  | cactttgccc | aatggttctat | taagggtttt | 840  |
| attttatttt  | tattattttt  | tataacgatt  | ccaaaaattt | tttgacata   | tacatctgac | 900  |
| atgcgttata  | tgtagatata  | gaatttgaac  | tcgcaacott | ttaattatac  | gatacatcac | 960  |
| cacctagatt  | tgaattctca  | ttggggcccaa | tggtctataa | ataatgcacc  | aaccctcag  | 1020 |
| tttaaaccac  | caccactaca  | cttcatacaa  | caaaacctct | ctaaccactc  | cttaatcccc | 1080 |
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